

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 June 2002 (20.06.2002)

PCT

(10) International Publication Number  
WO 02/048722 A3

(51) International Patent Classification<sup>7</sup>: G01R 31/3185

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(21) International Application Number: PCT/US01/47625

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(22) International Filing Date:  
10 December 2001 (10.12.2001)

(81) Designated States (national): CN, JP, KR, SG.

(25) Filing Language: English

Published:  
— with international search report

(26) Publication Language: English

(88) Date of publication of the international search report:  
15 May 2003

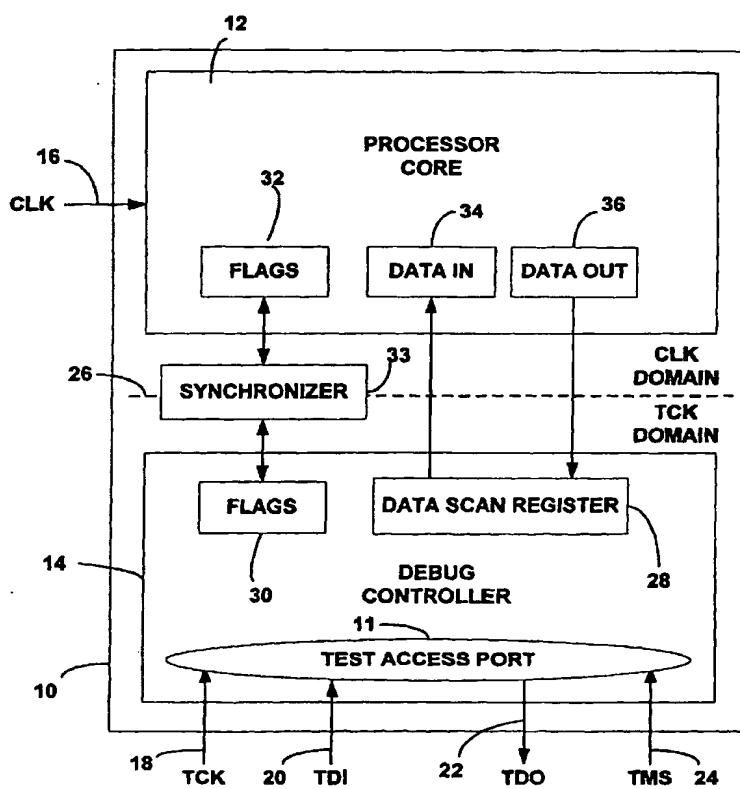
(30) Priority Data:  
09/738,405 15 December 2000 (15.12.2000) US

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: DATA SYNCHRONIZATION FOR A TEST ACCESS PORT



(57) Abstract: In one embodiment, an integrated circuit provides a test access port that communicates with scan chain registers in a processor core. The integrated circuit synchronizes data transferred between a debug controller that operates under control of a test clock (TCK) and the processor core that operates under control of a processor clock (CLK).

WO 02/048722 A3

## INTERNATIONAL SEARCH REPORT

Inte ial Application No  
PCT/US 01/47625A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01R31/3185

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 935 266 A (THURNHOFER STEFAN ET AL) 10 August 1999 (1999-08-10) column 5, line 40 -column 6, line 17 —	1-25
Y	US 5 900 753 A (COTE JEAN-FRANCOIS ET AL) 4 May 1999 (1999-05-04) column 1, line 8 -column 2, line 45 —	1-25
A	TIETZE/SCHECHEN: "Halbleiter-Schaltungstechnik" 1999, SPRINGER VERLAG, BERLIN XP002225582 page 709, paragraph 2; figure 9.44 —/—	

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Date of the actual completion of the International search

14 January 2003

Date of mailing of the International search report

29/01/2003

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Intern'l Application No  
PCT/US 01/47625

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 602 878 A (CROSS LEONARD W) 11 February 1997 (1997-02-11) column 1, line 9 - line 14; figures 1,2 column 1, line 62 -column 2, line 4 column 3, line 44 -column 4, line 16 _____	1-25

**INTERNATIONAL SEARCH REPORT****Information on patent family members**

International Application No

PCT/US 01/47625

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5935266	A 10-08-1999	NONE		
US 5900753	A 04-05-1999	CA 2233493 A1		28-09-1998
US 5602878	A 11-02-1997	NONE		